

Wind turbine generator test report

This report was prepared by the National Renewable Energy Laboratory (NREL), operated for the United States Department of Energy (DOE) by the Alliance for Sustainable Energy, LLC (Alliance), as an ...

U.S. Wind Turbine Database Source: December, 2025 | Build: v8.2 | LBNL, USGS, ACP The USWTDB provides both onshore & offshore wind turbine locations in the United States, related facility ...

Figure 1 is a summary of the results of a power performance test that the National Renewable Energy Laboratory (NREL) conducted on the Gaia-Wind 11-kW small wind turbine (shown in Figure 2).

This report summarizes the results of a power performance test that NREL conducted on the SWIFT wind turbine.

This report summarizes safety and function tests of the Ventera VT10 wind turbine conducted by NREL. It describes the turbine and test setup, instrumentation used, test procedures for control systems, ...

This report summarizes the results of a power performance test that NREL conducted on the Mariah Windspire 1-kW wind turbine. During this test, two configurations were tested on the same ...

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The objective of this test was to evaluate the safety and function characteristics of the Whisper H40 wind turbine. The general requirements of wind turbine safety and function tests are defined in the IEC ...

Wind turbine power performance testing (PPT) for onshore and offshore wind farms to verify the wind turbine's energy production against the manufacturer's warranted power curve.

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